

STATE OF CONNECTICUT DEPART! NT OF ENVIRONMENTAL: OTECTION

ORDS CENTER

FACILITY MACLE PRINTS

I.D. NO. CTRODILGUSTS

FILE LOC. R-18

OTHER RAMS# 100870

not actually severming these activitis.

7/92 Rev.

RCRA (HAZARDOUS WASTE) INSPECTION REPORT TREATMENT/STORAGE/DISPOSAL FACILITY



Name(s) of inspector(s): _ 2/9.10,17+22/93 Complaint Number: Date(s) of inspection: 4/92 Active RCRA enforcement #: Stigue Previous RCRA inspection date: _ entered 4/2/93 SITE INFORMATION EPA ID No. : CTD QQ 1 1 6 4 5 9 9 Site Name (& AKA/DBA if any): Street Address: 526 Huntingson Ave. Mailing Address: Note: C. Gillis' office: 245 Freight Contact Name(s) and Title: Charrie Gillis, Contact Phone No.: 575-5700 STATUS (actual - operating) X Interim Status CESQG X Storage X Recycle/Reclaim ___ Treatment ___ Unknown SQG (100-1000kg/mo) ___ Permitted facility X CT Regulated facility Lg Quantity Generator Other: ___Disposal X Transporter Post closure X Commercial facility X Receiving waste from off-site Burner/Blender Notified as: Generator, Transporter, Storage + Recycle Facility (including Ct.-reg. facility) Any discrepancies between notification/Part A/B & actual operation: Yes X No (describe): Wish to kees recycling of NMP, solder conditionen + electron Part B/Ct - facility servit dessite If yes, has a status change been requested: Yes___ No___

TYPE OF WASTE HANDLED

Comments (e.g., type of change requested): _

Most recent Part B revision 2/17/92 (HRP

X TCLP (D004-43)	XIgnitables (D001) X Corrosives (D002) Reactives (D003) X TCLP (D004-43)	 ★ F or K listed wastes ★ P or U listed wastes ★ Precious metals ★ Haz. scrap metal 	 Used oil (regulated under 260 CT regulated wastes Unknown Other: 	5)
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, YEAR NEV.

HANDLING METHOD (actual)

Containers (# 2725 X Tanks-above ground (# 3+back)up. _ Tanks-underground (#) _ Surface impoundments (#)	Waste piles (#) Wastewater treatment Incinerator/Thermal treatment Chem/Phys/Bio treatment
_ Landfill _ Other:Sevenal haz was to recycle	·
	TE DESCRIPTION
Proximity to residential areas/surface water Naugatuck River < 300 meters for	er/recharge zone, etc: Feele Brook adjacent, feels on slast; area also commercial + industrial.
,	
Water supply (if wells, give approximate l	ocation): City
Types of waste/water discharges: Sau S NPDES to Steele Brook (non-contact of	even for treated industrial effluent (one st. source), plusoling HaO, two st. sources).
time, disposal sites used, etc. Three are	If yes, identify location, amount & frequency, length of a - ACRA MOH surface impoundments + waste sile, im exempt as su-RCRA - see 19.20 for details.
information available): See pg. 20	es X No st Non-RCRA (briefly describe why installed and any + attachment, total 6 active wells in place + create sile
GW classification (if known): GB Pro	operty owned Aleased:
Previous occupants of site:	
Comments:	

SITE ACTIVITY

	Date established at present location: ~ 1930
	No. employees/shifts = 50/three Type of activity: Mfg. metal finishing chemicals, slus reclaim Products: etchants, cleaners, electroplating clams, strippers, Spent chemicals
•	Products: etchants, cleaners, electroplating clams, strippers, Spent chemicals
	Describe processes (particularly those involving chemicals):
\mathcal{I}	Liquids Mixing/Blending: >500 clamical formulations blanded, primarily for printed
	circuit board mfg., including acid + alkaline cleaners, paladium chloride activators,
	Cu 504 cholaters, Na OH, formaldely de reducers, ammonium bifluoride solder strippers;
	utilize 66 mixers sized 10-7000 gel, no reactors; also = 12 but storage tanks,
	above-q., sized 2000 - 10,000 gal. (store HCl, H2504, nitric+ phosphonic acids, NaOH, EDTA,
	hydrogen seroxide, KOH, others)
	Mixers changed via drums, bags + Livet from bulk tanks; after mixing get Q.C. clerked, filtered via polypropylone bag filters, and packaged into 5-55 get containers and
	clocked, Littered via polypropulane bag Filters, and packaged into 5-55 gal containers and
	350 gal. totes. Also small vol. selot work.
	Wet scrubbers utilize acid and/or alkaline solutions for emission control, monitored
	Wet scrubbers utilize acid and/or alkaline solutions for emission control, monitored via pH and ORP neters, with continuous H2O feed into scrubbers and continuous bleed
•	off to w.w.t.s.
\mathcal{I}	Inks/Graphic Arts Blending: mfg. inks used as maskants, p.c. boards + related uses; = 8-10 blenders (largest 400 get) using epoxy resins, acrylates, solvents (callosolv acetates, butyl carbitol, disropsyline glycoletter), dyes and small vol. pigments; three roller
	= 8-10 blanders (largest 400 get) using esoxy resins, acrylates, solvents (cellosolv acetates,
	butyl carbital, disropsylane glycolether), dyes and small vol. sigments; three roller
	mills, than package + ship. Note: some resins pre-heated prior to use, and sometimes
	use powdered silica as thickener.
	Also package (no nota) amine catalysts, sometimes Lissolve in solvents.
	_ Cleaning of blenders: using same solvents noted above, clean small vessels
	* once on twice week, large vessels = once or twice (year (due to dedicated use).
•	* once on twice / week, large vessels * once or twice / year (but to dedicated use). Also small labor, sinks to w.w.t.s.
III.	Electroless Ni Mfg. : room self-contained, no floor drains; blend = 3000 get/week
	products (primary products: Ni sulfate, Na hypophosphite, agua ammonia); ingredients
	include ammonia, Ni acetate, Ni sulfate, No hypophosphite, malic acid, Po acetate,
	Comments (e.g., any changes since last inspection): 5 maller val. organics. Utilize six blend
	tanks (largest 1200 gal.) plus couple 100 get portable transfer tanks; Filter + package.
÷	Wash out blenders, lines + sumps = daily with D. I. water, use max & 300 gel ser
	washout: it washarder free of Ni than treat in w.w.t.s, it contains Ni then
	(cont. pg. 3a)

(CONTINUED FROM P. .E. <u>3</u>)

EPA ID number: CTD <u>001164599</u> Date of inspection: <u>2/9,10,1</u> 7+2	12/93
Site name: MacDesmid Inc. Town: Waterbury	
PROCESSES (cont.)	
collect in evaporation unit (2450 get reservoir), Lried concentrate off unit with air emission off unit direct to atmosphere.	to drums,
IV. Reclaim Operations: receive wastes (haz. + non-haz.) from customers for a)	on-site
reclamation, or 6) transshipment to other reclaimens. Receive only materials	
Machermid. Two wastes treated on-site: Cu etchant and sollar stripper.	Two waste
transshipped: solder conditioner and electroless Cu. One waste stream, N	
reclaimed or transshipped until = 2 yes ago, no longer receive from off-site,	
unif + tanks still in place, empty + unused, to not intend to formally close.	out yet.
A.) Cu etchant: received in tank trailers, totes or Irums, off-loaded into	
three 7000 get haz waste holding tanks, alone g, indoors, plus 4th tank (500	
indoors) as back-up which normally contains NoOH, claim never yet hall haz	
keep on Part B as back-up waste tank in case needed.	
Spent et chant transferred into 3500 get or 5000 get "cooker" fants where	all Not
plus heat; reaction liberates ammonia (vented to scrub tank) and precipitates Cu	
tank ammonia gets reacted with HCl + H2O to form rough product; Solution	A A
adjusted with additional chemicals (ammonia, carbonates, stabilizers, smaller	vola phosphonic
acid + sulfer-bearing proprietary chemical that is a carcinogen) to form finished pr	oduct.
acid + sulfur-bearing proprietary chemical that is a carcinogen) to form finished pro "Cooking "operation takes = 12 hrs.; using eight scrub tanks (six 3300 gel, two	, 4000 gal.) for
Procipitated CuOzis in alkaline motter liquor, transferred to 5000 get tour adjust using the sox, then discharge lip to worts; CuOz sturry flushed : 1 with the from bottom of cooker or 5000 get tout, goes directly to dedicated f	Eukere pH
adjust using the SOy, than discharge lig to wwts; CuO2 sturny flusted ? I	rivice / day
with the from bottom of cooker or 5000 gal tank, goes directly to dedicated of	eter sress.
TRATEX. 12 TO AT PEROVERS CIUS WILL TO JAMENULAS (UCC) ON CUSUU DINTHUCK	5, 18040
products get filtered through activated carlon to remove trace organics;	remaining
(402 gets sold to CP. Chamicels, N.J. who use it as a wood preservative	phis self
it to nesticide industry.	
B.) Solder stripper: last performed = 11/92 due to technical problem: = 20	DO gel. of
unstable product in 3000 gal tank (conical shaped) is ammonium bit uoride with	out having
added peroxide (due to stability problem); expect ship this batch off-site as we	ste then
con tank + rejustitute process; note: also shipped off 5 dr. of same as haz.	waste
In addition, drums of stable solder strippers still being received from off- site	, store water
process goes back on line, though claim incoming vol. reduced Lue to refe	1 muletion of
solven strippen Process as follows:	+1/1/0
Stripper consists of ammonium bifluoride + hydrogen peroxide (4202); when some has been consumed, precipitating Ph Avanide. Reclamation consists of transfer (cont.)	THE TRUE
has been consumed, precipitating to Humide. Reckamation consists of transfer	MIN SAUTION
(cont.	(طد. چم

(CONTINUED FROM PAGE 3a)

I	EPA ID number: CTD 001164599 Date of inspection: $\frac{2/9/0,17+22/93}{2}$
S	Site name: Macdenmid, Inc. Town: Waterbury
_	PROCESSES (cond.):
\$	to 3000 gal conical tank for settling Ph Ausride, then decant /ig. to 1500 gal electrolysis cells (2) which state out Cu; next solution transferred to tank for precipitating
	remnant Cu (with dithiocarbamate), then filtered via filter seas; this filtered
	remnant Cu (with dithiocarbamate), then filtered via filter gross; this filtered solution becomes make up bath to which and H2O2 and ammonium bithwride, creating final product.
2	Final product.
-	Note: settled Ab Auoride from conical tank gets Summed for off-site haz waste disposal
	See Waste Profile for vole above-notal waster handled shee transshipped waster.
	Discontinued treatment/reclamation of spent N-methyl-2-pyrrolidone (NMP) & Zyra age
7	formerly distilled NMP on-site, then transshipped for reclaim off-site. Still, tank +
4	related equip still on site, empty, intend to retain on Part B permit.
_	Also discontinued Listillation of dioxane = 4 yes ago; had received for customers,
_	distilled to concentrate, then disposed of off-site
_	
V .	Pilet Plant: perform solder stripper recovery work-up, plus onto, small vol. brighterers
.\$	and other chemicals; utilize = 5 blenders, largest \$ 300 gol; blend brighteners
2	for Ni + In plating baths, utilize I.P.A. + other organics; also bland catalyst for black paint (using collosolve acetate, isocyanates); package into 5 gal. containers.
.5	for black paint (using cellosolve acetate, isocyanates); package into 5 gal. containers.
-	Cleaning: hand-wise using acetone + ketomes; also H2O word kelenders + other
_!	vessels, to sump to wests.
VI.	Laboratories: total three labor on-site, i) Q.C. lab for int dest., 2) wet clamistry lab for Q.C. of lig. products and raw materials, slus tinger point tests on recyclables, 3) R+D lab to be consolidated with wet clam lab, currently unused (tornely R+D by
٠	for QC. of lig. products and raw materials, shus finger print tests on recyclobles,
-	3) R+D lab to be consolidated with wet clam lab, currently unused (formerly R+D by
4	Don Becking), most chamicals Lisposed of (had major late packing project 1992); currently
4	R+D is being sesformed at Freight St. slaut.
	R+D is being sesformed at Freight St. plant. All lab sinks reportably go to wester.
_	
VIL.	Wasternter Treatment System (wests): all batch freatment; plant wastewaters collect
4	in 12,000 get equalization sump, sumped to one of four 15,000 get batch treat tanks; to beatment includes fluoride precipitation (via addition of phosphoricacid + CaCl), Co reduction
1	treatment includes fluoride procipitation (Via advition of phosphonic acid + CaCl), Cr reduction
1	(using Na metabisubite), metala succipitation (using Na hydrosultide); next uttratition
j	Eystem recirculates wastewater through 3000 get tank which concentrates solide, suggest
4	to seeasete 3000 get tank teeling filter press; MoH to roll-off sumpster; treated
٤	effluent of uttrafitration Luckerged to somitary sever.
-	Note: the four 15,000 get touts are remarked former 60,000 get tout, all concrete with
	liners, onen vault partially in . g. Additional four 15,000 gel constructed but not yet
•	on line. Permitted max. 60,000 gpd, avg. = 40,000 gpd. (court sa. 3c)

EP	PA ID number: CTD 0 0 1 1 6 4 5 9 9 Date of inspection: $\frac{2/9,10,17}{22/93}$
Sit	te name: Mac Dermid Inc. Town: Waterbury PROCESSES (cont.):
VIII <u>D</u> Ed ini	Try Blending operation in former Plating Lab: mfg. Lotonmer; blend silione, methylene. Bloride (used as carrier spraying borax onto silicone), after borax sprayed outo silicone goes to ribbon blender; product is dry.
IX. <u>/</u>	Dust collector vents ribbon blender + borax oversorax. Maintenance Dest: small vol. machining (bench-work); plumbing; welding; wood shop, a parts cleaning nor degreasing. Small vol. painting on limited basis.
X. M	Miscellanous:
\mathcal{H}	sample storage: product samples retained for all production runs, held for one year on hisposed via w.w.t.s. or off-site shipment. washing machines for uniform cleaning, wasteur to either to san. sewer or w.w.t.s. parcel packing dest: small chamical containers (for product testing by customers)
LΩa	variety of wet scrubbers used throughout plant for air emissions (eq. pilot plant, tehent line, lig. platforms, w.w.t.s., activation/catalyst lines, other dests.); use acid+ alkaline
Sa Ka	lutions, monitored via Al nuteret ORP, spent solutions to well. Note: two we scrubber allow to lig. When yet. eliminated dry mixing dept. (three mixers, using chromic acid salts, NaOH+ inorganic
N	(a metasilicate); however still use one mixer (max. 1000 lb size) few days foronth mixing
	Aso store 5 gal. containers of past-shelf-life products, marked with product offee (see Waste Containers).
	eliminated metal finishing lat, use this area to store rejected rour meterials for turn to suppliers; currently 5 dr. corresives and ± 12 five-gal containers.
	lok: all site tanks above-g. except partially recessed www.t.s. tanks and 1,000 gal. # 2 fuel oil tank (in-g.), 4000 gal. # 2 fuel oil tank.
	450 Machermid uses extensive volume deionized H2O, backflush D.T. units with 40H and for acids (ACl+H2SO4), Lischarged to w.w.t.s. (=15,000 gelfmonth).
A	Also still occassionally reportage CN solutions for shipment, plus feur blends use N ingredients.

WASTE PROFILE

WASTE STREAM	EPA WASTE #	EST. GENERATION RATE (amount:time)	HANDLING METHOD	TRANS	TSD	
Lastes Rec	eived From O	ff-site 1992:				
	Customers:					
<u>1) Dooz/D</u>	004/8008 CL	etchant; 1241,079	gd/192 for or	-side recla	mation.	
2) 2001/00	102/b008 Son	der stripper; 29,718 g	1/192 "	" "		
3.) 2002/	2008 Solden	conditioner: 13,188 g	1/192 stored	los trans-sk	isment to	
Macde	smid Inc. F	rudale, MI. for re	clamation.			
\	,	Cu solution; 38,119		15-shipmont	to Lingusal +	acilities.
A		Freight St. Water			<u> </u>	
		Lu solution: 3410 que	•	u u	te It	"
		(tales, resins, esoxy); 2		2 "	u u	(1
		val. Ni waste for tras			cility.	
	77.17.8	(C)	12	7-2-17	Limy J.	
Comments:	No longer	received from custo	mera clistrole	ss Ninor	My waite	7 in 1992
C. From M	lackermid Inc	· Canada:				
1) In 12/	92 reinstitu	tal receiving = 160 dy/	week spent Cu	etchant for		
DCD 4 (1)		147 4 COTT 3 473 173 477 4 TY		(COD)	(cont.pg. 4	(a)
RCRA (the s	tatute)	WASTE MINIMIZATI	ON PROGRAM	(GOR)		
Is a program	n in place (If ve	es, generally describe co	mponents of pro-	oram waste	s addressed ire	ductions
		ortrol srogram resu	T		_	
		Sewer shelf-life prob				
vol taken	back in folcu	itomers for recovery;	also improved	ammonia A	landling and	
enission co	ntrol.			<u></u>		
	1					-4.19
40 CFR 262.1	11' HAZ	ARDOUS WASTE DET	ERMINATIONS	(GHW)	22a-449(c)-10	12(a) ²
Dotorminatio	on conducted f	or all waste streams: Ye	s X No (exp	olain): Ana	1 -00 -0	ha-0. +
lia. sum	to D to contain	in Cd (from obsolete p	rocess machine)	low I he	3/9/93 L 60	non-haz.
Loumentel	(See file):	8 dr. Ni solution un	des analysis.	au comale	tion of assect	from where
continue Do	non-haz.	8 dr. Ni solution co me dr. waste oil con	ervatively man	60 "haz. w	ask but act	ually
non-haz. ("	internal code #	362, vacuum sumpril)				
		• •				

¹ See 40 CFR 264 for permitted facilities.

¹ See 22a-449(c)-104 for permitted facilities.

EPA ID number: CTD Q Q 1 1 6 4 5 9 9 Date of inspection: $\frac{2/9, 10, 17 + 22/93}{2}$ Site name: Machermid Inc. Town: Waterbury WASTE PROFILE (cond.): Jutgoing Shipments 1992: FOOG MOH lig: 13,795 get/192 to EWR, Waterbury. 2) FOOG Mott skulge; 200 , 23/192 to WRC, PA. via Sealand vehicles 3) Doo2/Doo8 HClacid; 176,925 gal/192 to Machernid Inc., Fernale, MI. 4) 1007 was kwater: 114,574 get 1'92 to Freehold Cartage, N.J. and to E.I. Dyont, N.J. These include Machermid - generated waster and frame-shipped waster generated by customers of Machennid. 5.) DOD'T solids (process tanks contam. w/Co+ methylone dianiline): 4 forms (one shipment) to EWR. 6) 0002/0006 lig. N.O.S. (Ni sulpte, hydroxy acetic acid, Cd, Nahypoplosphite, Pb); 2680 gol/192 to Cyclo Cham, N.J. 7) DOOI inks; 770 gel. 192 to Laillage Ear Service, MA. 8) DOOZ lig. (HCl, H2504, cupric chloride): 2090 gel/192 to Lai Llaw Env. Services, MA 9) DODZ lig. (H2504/Cuso4); 7000 gel. 1'92 to Michigan Signosal. 10) DODZ lig. (HCl); 300 get to United Refining + Something Co, Illinois 11.) DODZ solido (ethanolamine, phosphonic acid, NaOH, H2504, Fluobonic acid); 5835/bs/192 to Add 250 the Alonosuttonic acid to Laidlaw. Laidlaw Env. Services, MA. 12 DOOZ NaOH+ resist strip solution; 665 gal / 92 to Laidlaw, MA. 13) DODZ/DODI solide (alcohol, sermanganites); 1360 pl. to Laislaw, MA. 14) DOO7/DOOL chromic acid solids; 1104 lbs/192 to Caillow, MA. 15) DOOT chromic acid solution: 165 get/192 16) DO06/DOOS lig.; 935 gel./192 17) DOOR solita (16 Floride): 1450 /61/192 18) Doos lig. (Ple Aluoride): 165 gal. 1 192 ".
19) Doos/Dooz (bonic acid/16 Aluonobonate): 220 gal./192 20) NOOl cellosolve; 330 gel/192 to laidlew Env. MA. 21 DODI/DO35/UIS9 MEK solution; 100 gol/192 to Lai Law Enr. MA. 22) U122 formaldely do: 110 gal/92 23) DOD//FOD3 acetone; 55 gel/ '92 Several wask streams denoted as pounds, majority are lab packs of mixed light solids, many streams combined here for knevity; volumes are approximations: 1) FOO! Ill tricklowethane; 675 Ker 192 to Laidbur For Service, MA. 2) DOO/ (alcohole, styrene monomer, formeldely de traces, toluene, other); 2795/hs/192 to Caidlaw. 3) U219 poismous solid; 400 lbs/182 to Caillow Env. Services, MA. 4) DOOI/DOO2/DOO7 Cd, Ba amuonia debris; 1715/64/192 5) U122/D024/U353 formaldely be cresols; 1580 1/192 (cont. pg. 46)

(CONTINUED FROM PAGE $\frac{4a}{2}$)

EPA ID number: CTD <u>O O / / 6 4 5 9 9</u> Date of inspection: <u>2/9/0/17</u> +22/93
Site name: Macdermid Inc. Town: Waterbury
WASTE PROFILE (cont.):
6) DOOI/FOO3/FOO5/DO35/U133 tolure, acetates, acrylates; 1100 162/192 to Laidlaw, Mr. 7) U170 nitrophenols; 1200 162/192 to Laidlaw Env. Services, MA.
8) doo2/000/ oxidizers; 400 /6/1/92 " " " "
9\ D006/D011/P029/P030: CN contents: 100 161/92 to Laillaw. MA.
9 0006/0011/P029/P030; CN contents; 100 lbs/192 to Laillaw, MA. 10) 0001/0018/8035/0038/P102/U019 (various lab packs; nitroaniline, benzene, pyridine, etc.);
440 /b/182 to (ai flow) Env. MA
11) DOOL/UZZ3 (folwery Lissocyanete); 100 /be/192 to Lai Llaw Env. Serv. MA.
12) Dool/Dooz/F002/F003/4213 (mixel lat packs): 1000 /ha/192 " "
Misc. other smaller vol. bet packs also shipped, small vols. also to Eusco, Arkansas
via Price Trucking, N.Y.
Non-haz wastes shipsed off 1992:
i) weste Cu sulfate solution; 39, 279 gol/192 to Freehold Cartage, N.J. and to F.I. Dyrat, N.J.
2) west convine solide; 2 3980 /by/92 to Laillaw Env. Serv. MA.
3) crushal cans + John's; 245 Source (182 " " " ".
4) unite surfactants + chaners; = 10,800 /bs/182 " "
A waste glycola, resina, pathelates, vila, apoxy (some titunium, potassium, Na Alusroborate);
* 7390 /but 10 In lig. for 1882, to Laillew Enx Serv, MA.
6) Ni sullate uses Ni solution, cleaner: 2300/hr/82 + 440 cal/82 to Caillaux
7) aurmonium silicofluoride: 12 dr/192 to Cardlaur Eax, MA. e) Lyes, pontaethylone, Liacetone: 6 dr/192 + 1400/he/192 to Cardlaur, MA.
e) Lyes, pentaethylane, Liacetone; 6 dr/182+ 1400/he/182 to Caillaur, MA.
9) 5 transus Monide, bisulfate, No OH solida; 1450 164/192 " " " "
Miscellaneous other non-haz wontes (including lab sacks) for 1992 total 7510 /bs/182 (numerous meterials, odlballs, clean-outs, etc.) plus = 60 dr. same.
7510 /by/192 (numerous materials, oddballs, clean-outs, etc.) plus = 60 ds. same.
·

Dates/months of manifests reviewed: Soot clecked 1992.
Manifests used for all hazardous waste shipments: Yes X No_ (explain):
Appropriate copy(ies) on-site: Yes X No_ (explain): Any exception (generators); discrepancy or unmanifested waste reports (facilities): Yes X No
(explain): Yes, exception reports and discreasing reports (various) on file, claim
occurs 2/-3 times/us.
Occurs 21-3 times/yr. Comments (e.g., CT reg. wastes): Few minor omissions noted: missing phone #, no descriptions
of N.O.S. wastes on few.
(See special checklist for land ban manifest requirements)
40 CFR 265.75 <u>ANNUAL HAZARDOUS WASTE REPORT</u> (DOR) 22a-449(c)-105(a)(2)(D)
Reports filed on an annual basis: Yes_X No:
40 CFR 262.50-58 <u>EXPORT/IMPORT ACTIVITIES</u> (DEX) 22a-449(c)-102(a)(1) 40 CFR 262.20 & 265.12 22a-449(c)-105(a)(1)
Has any hazardous waste been exported/imported during the last 3 years: Yes 💢 No
(If No, skip the rest of this section). Exports:
Do they attach a current Acknowledgement of Consent form for each export shipment: Yes X No (explain):
No longer intend to export, last Love 1991 (noted below)
Have they filed with EPA's administrator by March 1 of each year an annual report summarizing the previous year's export activities: Yes X No
In the past 3 years, have they ever had waste returned to the U.S., & if so, have appropriate exception reports been filed: Yes (explain) No_X
Have manifests for export shipments been completed according to the special manifest requirements (e.g., additional language): YesNo (explain):Notevaluded, [ast shipsed in 1991.
Imports: Are wastes received from a foreign source: Yes No
If yes, has notice been filed with EPA: Yes No: Not evaluated, claim yes.
Comments: Last exportal the Auorise to Stabler Canala 1991. Also began again to receive Cu etchant (0002) from Canada Massermid plant 12/92, currently
receive = 160 dr/week to be reclaimed.

Does c	ontact claim inspections are conducted: Yes
Writter	inspection schedule: Les, appears complete.
Inspect	tion log (adequacy of contents: date, time, items inspected, corrective action): Appear complete,
-	I logs utilized, agrees to cover all necessary areas.
	nentation:
Daily	,
All	Loading/unloading areas subject to spills (when in use): Les, logs for a) tanken truck off-load
Tanks	Containment, detection, ancillary equip: Yes, well itemized. 6) Sum receiving
Trtmt	Treatment equipment:
lmpd	Freeboard level:
Incin.	Combustion/emission control instruments every 15 min.:
Incin.	Inc. & assoc. equipment for leaks/spills/emissions, check alarms &
	shutdown controls:
Weekly	
	rs Physical condition: Yes for each of 4 dr. storage areas.
Cntain	rs Containment system: Yes " " " " " " " " " " " " " " " " " " "
Cntain	rs Labels, marking, dates: Yes " " " "
_	nnts Surface impoundments & dikes:
Battery	Storage area (no log required): WA
Tanks	Safety & emergency equipment: Les, monthly logs. Cathodic protection (w/i 6 mos.; then yearly): M, fanks above - g.
	impressed current (every other month):
	Monitoring equip (wells, etc.):
	Post-closure inspections:
Comm	ents (e.g., failure to correct malfunctions/deficiencies/chronic problems): (India Blog
Tarmela	to conform to those currently in use. Note: discontinued treatment of NMP = 2 yurago
but sh	issel off last In NMP write 2/5/93 per insp./og.
40 CFR	265.16 PERSONNEL TRAINING RECORDS (DPR) 22a-449(c)-105(a)(1)(D)
Last a	ig conducted: Yes X No : however one individual over due by only = one month (corrected), annual review (date): 3/24-26/92 New employees: 4es.
	n description of training: Yes, detailed.
	e, description & name of employee:
	s maintained on-site until closure/3 yrs. for former employees:
Comm	ents (if SQG, describe): Training sessions include Hazmat sessions (by Clean Harbors) for
five m	embers of hazmat from 3/24-26/82, includes use of PPE+ emerg. response;
ON CH	embers of hazmat from 3/24-26/92, includes use of PPE+ emerg. response; ung. coordinator (Ardzijauskas) last trained 1/17/92, was updated on 3/23/93 ser
Smes/	rondence (set tile). Also = (00 employees received RCRA sefety course 1/19/93 by
Hazin	chan Inc., includes Couting. Man, took exems (filed).

40 CFR 265.50-56/262.34(a)(

CONTINGENCY PLAN (DCP) 2

49(c)-105(a) & 102(a)

Plan on-site Yes No Date: 10/23/91 revision Prepared by: HRP. Assoc. Arrangements with/plan to local authorities: Yes, drumented. (police, fire, hospital, emergency response team) Emergency procedures (fires, explosions, releases/spills): Yes, itemized, flow charte, resorting Emergency Coordinator(s) name, address, home & office phone: Yes, John Miele, slongs + Yes + table, agress complete Emergency equipment list, location, description, capabilities: ___ Evacuation plan (signal, primary & alternate routes): ____ Comments: CFR 265.30-37/262.34(a)(4) PREPAREDNESS & PREVENTION (DPP) 22a-449(c)-105(a)&102(a) Immediately accessible to internal communications/alarm system: Yes; intercom, alarm system. Telephone/hand-held two-way radio: Yes; shows, page. Emergency equipment (fire extinguishers/control, spill control, decontamination equip.): 4es: extinguisher primarily ABC; sprinklered. Equipment maintenance: Yes: monthly in-house Access to emergency equipment: Adequate aisle space: Yes but stack in macks 4- high, did not inspect 3-1+4th tiers Source of water in the event of a fire: ______ City hy hanta. Comments: IGNITABLES/REACTIVES/INCOMPATIBLES (DSC) 40 CFR 265.17 22a-449(c)-105(a)(1) Ignitable & reactive wastes separated from sources of ignition or reaction & handled per 265.17: Agressa Yes "No smoking" signs (for ignitable & reactive waste): Comments:

40 CFR 265.13(b) <u>W TE ANALYSIS PLAN</u> (DWA) 22a-449(c)-105(a)

Plan on-site: Yes No Date: Prepared by: HRP Assoc.
Does plan include: Parameters: Yes, alled As; table Loca not denote Cu but claim test for
Does plan include: Parameters: Yes, alled As; table Locanet dennte Cu but claim test for (including TCLP Test methods: Yes this via spec. gra
and LDR update) Sampling methods: 400
Frequency: Yes initial world + sort test each incoming load.
Copy of results on-site: Yes, logged, serformed both on-site + via certified private labe.
Comments: Incoming loads spot fested for 5 parameters except loads for Freight St.
Machemid site, These loads have analytical fo/ Freight St. lab as accompanionent.
Parameters table now denotes As, however table of spot test parameters does not include
As but is performed. (OR revision now covers both incoming + outgoing loads.
- see also Op. Records pg. 8a
,
40 CFR 265.73 & 265.94(a)(1) OPERATING RECORDS (DRR) 22a-449(c)-105(a)
Are the following records maintained on-site:
Waste received from off-site: Yes From on-site: Yes
Waste description: Yes, per weste type for on-site treatment
Waste quantity: Yes
Methods of & dates of storage/treatment/disposal: Yes X No Hough non-RCRA freetment.
Waste inventory (including type, volume & location):
in storage: Difficult to track, see note py. 8a, re: drums; OK for tanks.
disposed of on-site (recorded on map):
cross-reference to specific manifest: Yes for incoming loads.
Analytical results for:
all waste: Yes, agreers alequate
monitoring wells: Non-RCKA wells in slace.
trial test (to assure compatibility with tanks, impoundments or waste piles):
that test to assure compatibility with tailes, impoundments of waste paies,.
Report/summary of any incident requiring implementation of Contingency Plan:
Report, summary of any medicine requiring implementation of contingency risks.
Records & results of inspections:
Closure/Post closure cost estimates: Yes
Comments: See pg. 8a for Lescription of current operating Records, one concern
re: tracking drums, plus do not break draw vol of bulk incoming loads salit to >/ tent;
records may be a leque to but difficult to track.

(CONTINUED FROM FAGE 8)

EPA ID number: CTD 001164599 Date of inspection: $2/9,10$
Site name: MacDermid, Inc. Town: Waterbury
OPERATING- RECORDS (cont.):
Tracking + inventory control logs include:
racking + Inventry control logs include: a) each incoming from gets inspected, sampled (spec. gravity, color + ammonia), if accepted then assign of number, record in logbook (entitled "a.C. Log for Spot Recyclable Mockriels" - this log also records trans-ship from + non-recyclables along without received, date treated, spec. gravity
then assign dr. number, record in logbook (entitled "a.C. Log for Spot Recyclable Moderials" - this
tog also records trans-ship drums + non-recyclables along w/date received, date treated, spec, gravity
denimonia content, production content content con
Note: no log maintains running inventory of drume in storage, claim high turnover t treatment
rate procludes this, but at Primary Pad ("Big Berm) log of dr. numbers attempts to track
via crossing off dr. numbers as sumped into bulk fant for treatment - however is complicated
and difficult to follow as numbers not in order. Co. considering computerizing this procedure.
h) incoming but loads off-load to storage tanks, recorded in logbook along w/results of sport test, vol. off-loaded (it solit to > 1 tank, do not speciate vols.), manifest #, Late + generator.
c) bulk storage tanks (3 waste tanks) inv. log records all inputs + outputs daily, time of transfer
d) QC law records analytical on incoming solder conditioner, soller stripper + etchant
to be tracked or trans-shipped; identifies extensive analytical parameters tested for in sugaring
betches for treatment
e) allitional log recording inventory (3 times / day) in three bulk waste touks. Above noted log only records incoming bulk loads; this log also records containers into bulk tanks, plus denotes total vals. transferred from bulk tanks
only records incoming bulk loads; this log also records containers into bulk tanks, she
Lanotes total vols. transferred from bulk tanks
Additional logs noted under inspection program
Worte tank inventory logs Lenote: tank #1 7189 gal; took # 2 615 gal (this morning 6764 god transfored out to reclaim processes); took # 3 331/ gal.
morning 4 164 gdl transtored out to reclaim precesses ; tout 15 3 33/1 gal.

Have any regulated units	closed: Yes No_X
	by owner/P.E.: YesNo
If Yes, date of certification	n: On-file at DEP: Yes No
Plan on-site: Yes X No_	. Date: 12/14/92 revision Prepared by: HRP Assoc
	proved & date): Not reviewell agrand.
	vered (compare to Part A & on-site operations): Additional areas addressed
in closure stan due to con	bired cs/ Cf -regulated facility closure plan
Does plan include (indicat	e presence/absence, comment on adequacy):
Estimate of maximum in	ventory: Yes: 4 fonks (RORA) fotal 29,000 gal, 3 continue area total 82,170
closure: <u>Val</u> , again	unit will be closed & methods to be used during plus non-RORA units all
	led to remove/decontaminate equip/structures/soils:
	notion sampling, docan, etc.
	ach unit & for final closure (time & milestones):
total 360 Lay	
	ear of final closure: 2050
	s do not match plan, amendments needed): How also alliences MOH
	right ACRA unit) plus non-ACRA recycle tanks (solder stripper reclaim:
	6 tanks; NMP recycle: 3 tanks - latter unused in years but want to
keep permitted on Part B M	
•	required only for facilities using trust funds with <20 years of remaining life, & for facilities
without approved closure	plans).
40 CTD 265 117 118	POST CLOSUTE PLANT (TVI) 4 22- 440(a) 105(a)
40 CFR 265.117,118	POST-CLOSURE PLAN (DCL) 22a-449(c)-105(a)
Plan on sita: Vac Na	(disposal facilities only)
Plan on-site: Yes No_	Date: Prepared by:
Status of Post-Closure plan	(e.g., approved & date):
Does plan include descrip	
monitoring activities:	
	n activities (e.g., integrity of cap, gwm):
-	
-	no. of post-closure contact:
	riod:
	issioner that notation on deed has been recorded:
Record sent to the Commi	ssioner of the type, location & quantity of
hazardous waste disposed	of in each cell/disposal unit: Yes No
Comments (e.g., amendme	ents needed, etc.):
. 57	

, 72 NeV.

٠ ١١٥٠ --- ١١٠ ---

TINANCIAL REQUIREMENTS (D'

40 CFR 265.142	CLOSURE COST ESTIMATE	22a-449-105(a)(1)
Estimate on-site: Yes X	No Amount of estimate: \$ 570,962 tment: Note: Fright 5% site extinuence (442,633) covered under one financia	7 per 7/7/92
Date of most recent adjus	tment: Note: Fright St. site entit	note \$ 72,671, al dol
Comments:	Hotal 643, 633) covered under one financia	O feat.
40 CFR 265.143 <u>FINAN</u>	NCIAL ASSURANCE FOR CLOSURE	22a-449(c)-105(a)(1)
	fund, surety bond, letter of credit, insurance, fi	nancial test/corporate
guarantee):	mancial lest	,
Amount of coverage: \$	tong not worth \$59,696,000 per 7/7/ D. Rice, chief fin efficer.	(9.2
Comments: Charles	O. Rice, chief fin officer.	
	, ,	
40 CFR 265.144	POST-CLOSURE COST ESTIMATE	22a-449-105(a)(1)
	(disposal facilities only)	
	<i>JO71.</i>	
Estimate on-site: Yes	No Amount of estimate: \$	
Date of most recent adjus	tment:	
Comments:		
40 CFR 265.145 FINAN	CIAL ASSURANCE FOR POST-CLOSURE	22a-449-105(a)(1)
(disposa	al facilities only)	
	NA	
Type of mechanism:	Amount of coverage: \$	
Comments:		
40 CFR 265.147 LIABI	ITTY INSI IR A NICE	22a-449(c)-105(a)(1)
10 C11(200.14) <u>E17(D1)</u>	<u> </u>	113 (c) 103(a)(1)
Sudden accidental occurr	ences (all TSDF's)	
	urance, financial test/guarantee liability coverag	70 .
	ond, trust fund, combination): Financial	
Amount of coverage: \$_		
ii no insurance, date or	most recent attempt to obtain:	
Non anddon a saldest 1	emimones (impoundments landfills)	(A
	contences (impoundments, landing)	
	Amount of coverage: \$	
If no insurance, date of	most recent attempt to obtain:	
Comments (e.g., filed Cha	pter 11, etc.):	
		· · · · · · · · · · · · · · · · · · ·

:

n= ∧ev.

22a-449(c)-105(a)

Does contact claim that physical contact/disturbance of waste would not cause injury/a violation of
40 CFR Part 265/264: Yes No X .
If No, is there:
24-hr. surveillance system (describe): Yes; all wastes in doors, along system.
24-hr. surveillance system (describe): (21: all wastes in doors, along system. OR barrier completely surrounding active portion (describe): Site fences, accordant.
AND Means to control entry (describe):
Danger-Unauthorized Personnel Keep Out signs at each entrance to active portion, legible at 25':
Comments:
Continents.
40 CFR 262.34(c)(1) <u>SATELLITE ACCUMULATION</u> (DMC) 22a-449(c)-102(a)
Approx. number of satellite storage areas: pertoly = 10 (hez. + non-haz), inspected 9 areas.
Less than 55 gallons (or 1 qt. acutely haz) per waste stream per satellite
accumulation area: Yes per stream.
Containers marked & contents described: 4es
Containers closed when not in use: Yes
Comments:
40 CFR 265.170-177 <u>CONTAINERS</u> (DMC) 22a-449(c)-105(a) & 102(a)
Number of areas: three > 90 day, one < 90 day, plus Moth roll-off.
Location(s): Warehouse, Pilot Cab, W.W.T.S.
Impermeable base (type): Secondary containment*:
Approx. number & sizes of containers: 2725 d. total (all areas) flux 1 roll-off MoH.
Type(s): steel X poly X fiber X bag/sack lab pack X roll-off X Other:
Management of containers:
Condition (leaks, ruptures, corrosion, heat, pressure): Appear good, Lid not inspect 3rd + 4th high tiers; 4th tier reportedly empty, drums.
Containers closed when not in use:
50 ft. buffer zone for ignitable and reactive waste: Yes, all inderes > 50 plannety line.
Incompatibles separated by dike/wall, etc. Yes, separate storage pala
Storage less than 90 days (LQG) or 180-270 days (SQG): Yes arkere necessary, NA elsewhere
Comments: <u>See pg. //a for details</u>
- Parties primaries
* = Not applicable to Small Quantity Generators

(CONTINUED FROM PAGE //)

EPA ID number: CTD <u>0 0 1 1 6 4 5 9 9</u>	Date of inspection: $\frac{2/9,10,1}{7+22/93}$
Site name: MacSermid, Inc.	
WASTE CON	TAINERS (cont.)
I. Primary Drum Storage Pas: = 610 drum fier reportably empty), plus at incoming stage than put into storage). Majority Doo2/Doo others to be trans-shipped for treatment or Many drums are Hubbard Hall spent from Canada Macheronid of Cy etchant, condition, including 3nd tier of rack (At adjacent segregated staging area attaline etclant being sampled for accept III. Pilot Cab > 90 day pad: for ignitables non-haz but marked haz. (Vac. pumpoil of IIII. Pilot Lab < 90 day pad: 18 dr. haz + n under analysis (by 2/22 completion were verifi I dr. Dool filter: I dr. (30 gal) unknown (marked "Under Analysis" from absolute prace see correspondence); I dr. Doog/Doo 7 lig. date fold should receive from off-site into > 90 I dr. Doo2 H2504 possibly from treight St. Note: Freight St. lab was fee receiv to receive from aff-site into > 90 day pa being filled (start date 5/27/92); process noted pg. 3a At Ary Mix dest. store chamicals past s vanious corrosives hand-marked "Dum	ing area (abjacent) 54 dr. to be sampled (if accepted of altaline etchant to be treated on-site (reclamation), disposal. Oldest dates 11/92. Letchants; plus currently receive = 160 dr. fulk is started receiving 12/92. Appear in good through markers not read), no incompatibles. for incoming to be sampled: = 55 dr. Doo2/Doo8 ance/rejection, all 2/93 dates. Assear OK. Lon-haz: 8 dr. Ni solution dated 2/8/93 Ed mon-haz: 8 dr. Ni solution dated 2/8/93 Ed mon-haz: 6 dr. Doo2/Doo7 chromic acid; glass beaks w/lig., suspected Cd) dated 10/30/92 hand- as (by 3/9/93 Macdermid continued it to be non-haz, 12/23/92 from Freight St. Macdermid (on CTFO1745) day RCRA units, drum transferred to proper pad; also (uncertain)
Empty poly Lours given to city of w Empty steel Lours go to reconsistioner.	aterbury and others.

40 CFR 262.30-34	OTH	PRE-TRAN	SPORT R	EQUIRE	MEN	(DIT)	22a-449(c)-	·102(a)
Packaging:	OK							
Labelling (if applic	- • •	haz.class):	YEA GO	here and	Picable.			
Marking (Words "I	Hazardous '	Waste", genera	ator name	& addres		est doc. r	no. if being	shipped):
0000	Con those	accessed (U.	~ <i>(s)</i>	_A			
Contents described			120,	<u> </u>	nerounts			
Proper DOT shipp	_		11		16	•		
Accumulation date λ	::	/· / ^	/1	• • /		+1/	04 '	
Comments:)	ue to Stack	ing us to Ta	ir tiera i	n racks	Could 1	not the	roughly in	SecT
and + 4th tiers	: appeare	I in good C	moution	T mark	top but	not ac	cased cla	sely - co
attered forklift	- to raise	me for ingo	clion, d	OCHINEN.		-		
40 CFR 265.190-20°	1 WA	STE TANKS	(DTR)			22a-44	9(c)-105(a)	
262.34 (general			(211)				, (0) 100 (1)	
Tank inventory/de	•		, ,		_			1.
equipment, capacit	ry & waste I	type): /our	tanks, as	torreg.	indans,	, 5 tone	<u>1002/10004</u>	10008 50
Cu etchant : th	res tanks	8000 gal., s	ne back-y	1 5 000 g	d (claim	never us	ed for waste	but wish
permit). All ha		om truck of	1-100 a	va; w	astes f	el into	reclain to	15, /at
exempt from Re	<u> </u>		YAY 11 1	2)	 			
Tanks are fall	inic-reintons	ed polymer (tibungkasa.		V			
Adequate secondar	ry containm	ent for tank &	ancillary	equip: Y	es 🙏 No	o N/	A	/
Comments: <u>Conc</u>	rete dike	; also spi	ef collect	tron sum	p outsi	de dik	, 10 W.W	.t.s
Describe leak detec	ction system	including a	ncillary eq	uip.): 1	A exce	at visua	line soction	OKun
determine whether	or not ba	ar (siting on fi	your ready	NEA SAM	note des	Action 5	exten.	7
Describe corrosion								
Special requiremen	nts for ignita	able & reactive	waste: Ye	No	N/.	A X :_		
Words "Hazardous	147		- ()	()				······································
			or contents	s: <u>72</u>	<u> </u>			
Evidence of release		•						
If yes, describe: _ Was release repo				. 1				
•		•					· · · · · · · · · · · · · · · · · · ·	
Certification of ma								
Any out-of service	tanks: Yes	No_ X . I	t yes, desc	rnbe:				
Comments: Mi	nor ammon	ia order in the	i.	no visi	ible rele	ese no	ted.	
				· · · · · · · · · · · · · · · · · · ·				
anks Section cont	inued on no	ext page						

1, 22 Nev.

Tanks, continued...

Existing Tank Systems (installed before 1/12/87)

Written tank integrity assessment on-site (P.E.certified) Yes No No Does assessment address all required items: Yes No: Comments:Tanks installed (184+ 1885, contacts uncertain re: integrity assessment.
New Tank Systems (installed after 1/12/87)
Written tank design, construction & installation assessment on-site (P.E. certified):
Yes No N/A
Does assessment address all required items: Yes No:
Documented installation & tightness test on-site: Yes No
Comments:
Other comments on tank systems:
40 CFR 265.220-230 SURFACE IMPOUNDMENTS (DSI) 22a-449(c)-105(a) (Pits, ponds & lagoons. If closed as a landfill, complete "Landfills" section).
Description (number, approx. dimensions, type of waste, etc):
Protective cover on dike: 2' freeboard:
Special requirements for ignitable & reactive wastes:
Evidence of fire, explosion, leak:
Liners or alternative designs:
Leachate collection system (for new/expanded impoundments):
Comments: See pg. 20 re: his forical s/ulge busial + associated non-RCRA g.us. monitoring wells.

40 CFR 265.250-257

WASTE PILES (DWP)

22a-449(c)-105(a)

(if closed as a landfill, complete "Landfills" section instead)

Description (number, approx. size, type of waste, location, etc.): HIStorical, See pg. 20
Wind erosion control:
Impermeable base:
Run-on/run-off control & prevention:
Special requirements for ignitable & reactive wastes:
Separation of incompatible waste:
Waste analysis:
Evidence of fire, explosion, leak:
Leachate control system:
Comments:
4
40 CFR 265.301-315 <u>LANDFILLS</u> (DLF) 22a-449(c)-105(a)(1)(E)
Description (number, capacity, approx. dimensions, type of waste, monofill, etc):
Run-on control & run-off collection (treat if necessary):
Wind dispersal control:
Special requirements for ignitable/reactive wastes:
Records of dimensions, contents & locations of each waste type:
Liners & leachate collection systems for new/replacement/lateral expansion units OR alternative
design & operating practices:
Maintenance of cap/cover integrity (i.e., protect from erosion, wood plant growth, access by heavy
vehicles, etc.):
Maintenance and protection of survey benchmarks:
Comments:

40 CFR 265.340-345 <u>INCINE TORS/THERMAL TREATMENT</u> (* 1) 22a-449(c)-105(a)
$a\mathcal{M}$
Description of unit(s):
What is unit arise of the condition (destruction (heat or energy recovery).
What is unit primarily used for (destruction/heat or energy recovery):
Waste analyses performed:
For incinerators: Heating value of waste (BTU):
Halogen content:
Sulfur content:
Lead concentration:
Mercury concentration (maximum allowable):
Continuous/Batch operation:
Start-up & shut down procedures (describe any problems):
Is hazardous waste fed into incinerator/furnace when not at steady state:
Is incinerator certified to burn F020, 21, 22, 23, 26 or F027: Yes No
Comments (e.g., trial burns, open burning, etc.):
Condition (c.g., that build, open build, c.g., c.g.,
40 CFR 266 Subparts C-G <u>RECYCLE/RECLAIM</u> (DRC) 22a-449(c)-101(c) & 106
Is hazardous waste recycled on-site: Yes X No
If yes, does the closed loop exemption apply:
If yes, has a Recycling Registration been filed: Chain yes, 5/8/90.
40 CFR 261.1(c)(8) & 261.6 Accumulation for recycling 22a-449(c)-101(a) & (c)
Approx. number of containers: ≥ 500
Type of material: 0002/0004/0008 spent Cu etchant + solden strippen.
Accumulation date present: 428
Less than one year storage: Yes
Clearly marked and labelled: Yes
Is documentation available that the material:
- is potentially recyclable & has a feasible means of being recycled: Yes X No:
- all recycled within one year of accumulation dates: Yes X No_:
Comments:
· Continents.

If yes, explain:	
Comments:	
Does the facility generate or reactive: Yes No If yes, are the materials	6(a)(3) Scrap Metals NA 22a-449(c)-101(a) & (c) , accept, store, treat, or dispose of any waste scrap metals which are ignitable being handled as hazardous wastes: Yes No
40 CFR 266, Subpart G	Spent Lead Acid Batteries 22a-449(c)-106(a) & (c) Being Reclaimed
Storage and Handling:	NA
Batteries open or closed	
	res, spills or poor handling procedures:
Separation from incomp	atibles:
Stored on impermeable	surface:
Accumulation over 20,0	
If yes, has a Recycling	Registration been filed? Yes No
Treatment:	
	processed on-site:
	or this activity:
Comments:	
Note: persons who gene	rate, transport, store or collect spent lead-acid batteries other than for
	ith sections 100-110 inclusive.
	NA
40 CFR 266, Subpart D	Hazardous waste fuel 22a-449(c)-106(a)
	(continued on next page)
Does the facility market h	nazardous waste fuel: Yes No
	d of this activity:
•	tifications for all customers on site: (40 CFR 266.34(e))
Does the facility hum has	zardous waste fuel: Yes No
•	d of this activity:
•	n a unit meeting the boiler spec:
	ourner certification, and are copies on-site:
and submitted a	which conditions and are copies on site.

1172 NOV

40 CFR 263

HAZARDOUS WASTE TRANSPORTATION³ (TOR)

22a-449(c)-11 & 103

Is this handler involved in waste transportation: Yes $old X$ No old . (If No, skip the rest of this section)
Kinds of waste transported: RCRAX CT RegulatedX
Manifest records retained on-site: Yes_X No
Comments on manifests:
Are hazardous wastes transported in generator's own vehicles, less than 1000 kg/mo of his own
waste: Yes NoX
If NO:
If NO: Current State of CT Transporter Permit Yes X (Permit No. CTHU- 330) No Any vehicle numbers on-site at the time of inspection; Yes X No fram moths?
Any vehicle numbers on-site at the time of inspection: Yes X No fwo noted.
If YES, permit Number displayed on waste-carrying portion of vehicle (rear and sides, at
contrasting color, at least 10 cm. high): Yes X No
Personnel trained in emergency response: <u>Yes</u>
Wastes stored on-site: Yes_X No
If YES, is waste stored on vehicles for <72 hours: Yes No^ NA
Comments (e.g., compliance with other permit conditions, etc.):
Permit expired 1992 but re-application filed timely + appropriate so allowed to
transport until re-issued.
See attachment for list of sermitted vehicles.
/ //

Completion of this portion of the RCRA checklist does not constitute a complete evaluation of compliance with transporter permit conditions.

If yes, a permit is required per PA 91-313.

PHOTOS TAKEN

(number, location, brief description or attach photocopy of log)

NONE	

NONE	SAMPLES TAKEN (number, type)
77 070 8	
	AREAS OF ENVIRONMENTAL CONCERN (AIR, WATER, WASTE
	<u> </u>
<u></u>	EXIT MEETING
Meeting conducted: Yes X NList attenders and titles: C	So Gillis, J. Miele + another.

(CONTINUED FROM PAGE ___)

EPA ID number: CTD 0 0 1 1 6 4 5 9 9 Date of inspection: 2/9/0,17+22/93
Site name: MacDermid, Inc. Town: Waterlany.
HISTORICAL DISPOSAL + G.W. MONITORNIG:
Total three pre-RCRA Most surface improundments located near current scent etchant truck off-load terminal, excavated early 1980's (Late uncertain per contacts) and stored
as waste sile across street from main plant entrance (on soil) until 1982 when
= 28 dump truck loads were shipped for disposal to Archer landfill, Shatton (claim
manifested as haz waste). Besidual MoH reportedly buried at area of former waste
pile, located between base of hill + current parking lot, area asphalted over.
In mid-1980's consultent IPC, Westport installed 7 giver maniforing wells, supposed
contacted DEP on matter (claiming pre-RCRA though dates not verified, sludge shipsed 1982)
submitted reports to DEP, never received any reply. Wells non-RCRA, installed volunta
No installation data available, deaths uncertain, monitored only sporadically. Latest
results were hand - written only, typed per my request for copies, attacked.
area of farmer impoundments, identified as i) near Cu oxide press, 2) near ammonia tank,
3) near liquids off Cu oxide press, and 4) touter garage - this one supposedly in or very near
former impoundments; other 3 reportedly downgradient + objectent. Dry well actually
at outdoor sums. Outdoors across street near former waste sile are two wells, one
upgradient + one Lourngradient.
Four active wells around impoundments last analyzed 19/1/92, two wells across
street around waste pile last analyzed 10/88. Most heavily contaminated wells are
those downgredient of impoundment: at Cu oxide press well 248 mg/l Cu, 5,2 mg/l Cr,
4./ mg/l Ni; at ammonia fank well 350 mg/l Cu, 6.4 mg/l Cr, and 1.7 mg/l
See attachment: uncertain of lat utilized. Note: 1) no upgradient well established, 2) other metals (eg. Ba, Mb, Cd) plus organics not analyzed per contact.
2) other metals (eg. ba, 76, cd) plus organics not analyzed per contact.

IN JEAMING	IRC.	Leaving our of	· , ~	· •	(study	1 1 1	4
		WELLS	Oct	1	1992	(most-recent tea	7

ATT I	esures in mg/r		tooked)			
Indoors (a Oxide Press		Indoors	V	Fulous Rear Cu oxide puen	Near auf atop old lagoons	
		Ammonia Tank	Outdoor Sump*	Liquids	Taukn Garage	
Cu	248	350		82	0.1	
Ni	4.1	1.7	~~~	1.5	0.1	
Cr	5.2	6.4		0.4	0.1	

*Dry

most recont test

Capped Studge (Oct. 1988)

Fe	Upstream 0.1	Downstream 0.5
Cu	0.1	0.1
Cr	0.1	0.1
Sn	2	2
Ni	0.1	0.1
Zn	0.1	0.1
F	6.2	

Wells installed approx. mid-1980's, by IPC, westport. Uncertain of depths, installation procedures.

Above one the only parameter tested for;

Total 3 /agans.

All currently permitted for haz. waste transportation, all garaged on-site.

Obtained during 2/10/13 injection.

PH.

12/7/89

	UNIT NUMBER	YEAR	MAKE	VEHICLE ID#	REGIST #	STATE	CAPACITY
O×	42-2118 **	1989	Fruehauf	1H2V04023KB034401	V7844	CT	80 x 55
0 ×	42-2119 **	1989	Fruehauf	1H2V04025KB034402	V7843 -	CT	80 x 55
0 >	42-2120	1989	Fruehauf	1H2V04027KB034403	V7845 ~	СТ	80 x 55
0 X	42-2121	1989	Fruefauf	1H2V04029KB034404	V7846 —	CT	80 x 55
	42-2122	1989	Fruefauf	1H2V04020KB034405	V7847 -	СТ	80 x 55
	42-2123	1989	Fruefauf	1H2V04022KB034406	V7 848 -	CT	80 x 55
	42-2124	1989	Fruefauf	1H2V04024KB034407	V7849 -	CT	80 x 55
	** LICENSED MIC X LICENSED	HIGAN TRA しいっと		cailer + him	101 T		-
	7-1*	1971	Acro	37 31	69804 —	СТ	4500 Gals
	T-2*	1975	Heil	Н367 10	74633	CT	4750 Gals
	T-3×	1984	Fruehauf	IH4T04024EK018601	S8092	CT	5000 Gals
	T-6	1974	Heil	925770	S9908	CT	6000 Gals
		13/4	петт	923770	37700	CI	6000 Gars
0	*REAR LOADERS	· 					
	393102 Roger	1988	Intl .	2HSFEADRXJC013317	5903A	CT	<i></i>
	393103 Eric	1988	Intl	2HSFEADRIJC013318	5904A	CT	
	426386 Ted	1990	Int1	2HSFEADR9LC035862	46987A	CT	•
	426385 Kart	1990	Intl	IHSHGGURXLH245658	2698A -	CT	
					Color	Domic	ile
	Tractors Trailers	Owned B Leased		ermid Inc.	Red/White White/FRP		rmid Inc. bury, Ct.
	Tankers T3 T1 T2 T6	Owned B Leased Owned b	By MacD	ermid Inc.	Stainless Steel FlWhite F2 Gray SS F6 SS		
	_		n .				•

